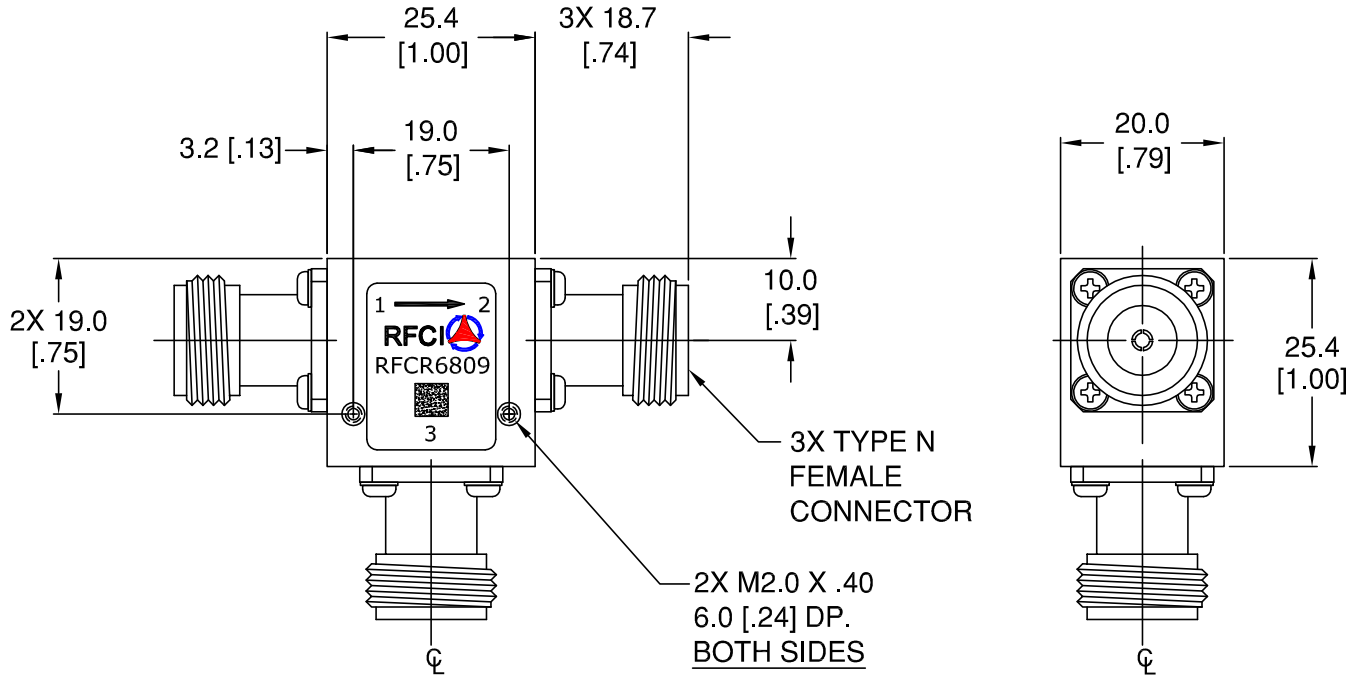


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.



REVISIONS				
REV.	DESCRIPTION	ECO	DATE	APPROVED
1	INITIAL RELEASE	I.R.	04/24/13	P.T



### Specifications

### Power & Temperature Ratings

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	3600		4300
Insertion Loss (dB)		< .30	.40
Isolation (dB)	20	> 23	
Return Loss (dB)	20	> 23	

Parameter	Maximum
Forward PWR Peak/AVG	500/50 Watts
Reverse Power CW	50 Watts
Operating Temperature	-40 to +85° C
Storage Temperature	-40 to +95° C

Note: Typical Values Represent Mid-Band Performance @ +23 °C.

### Nf CIRCULATOR MODEL: RFCR6809

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS [INCHES]:  TOLERANCES ARE: 1 PLACE DECIMAL ±.2 [±.01]    ANGULAR: ±1.0° 2 PLACE DECIMAL ±.10 [±.004]    SURFACE ROUGHNESS 16/		THIRD ANGLE PROJECTION 					
REMOVE ALL BURRS AND BREAK SHARP EDGES. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		APPROVALS                      DATE DRAWN BY: HV                      05/06/13 CHECKED BY: P.T                    05/07/13 DESIGN BY: P.T                    12/12/12 ENGINEER BY: P.T                   12/12/12 MFG. ENGR. L.T                    05/08/13 Q.A. PROG. MGMT/MKT				OUTLINE/SPECS	
PROPRIETARY NOTE: "THE INFORMATION CONTAINED ON THIS DOCUMENT IS CONSIDERED TO BE CONFIDENTIAL MATERIAL PROPRIETARY TO RF CIRCULATOR ISOLATOR Inc. (RFCI) AND IS PROVIDED SOLELY FOR INFORMATION PURPOSES. THIS INFORMATION SHALL NOT BE USED BY ANYONE OTHER THAN RFCI TO DESIGN OR CONSTRUCT ANY OF THE ITEMS DEPICTED, NOR SHALL IT BE DISCLOSED, DUPLICATED, OR COPIED FOR ANY PURPOSE, NOR MADE AVAILABLE TO ANY THIRD PARTY WITHOUT THE PRIOR WRITTEN CONSENT OF A RFCI OFFICIAL."		DO NOT SCALE DRAWING		SIZE A	CAGE NO.	DWG NO. CR6809-OS	REV. 1
				SCALE: FULL		SHEET 1 OF 1	